



BLADES MAINTAINER AND LOADER FIELD SECTION 2008

2008.1 Scope. To establish the procedures for inspecting sampling and reporting maintainer and loader blades. The material specification requirements are set forth in a bid request issued by the Department.

2008.2 Apparatus.

- (a) Rule with suitable graduations to accurately measure the material to be inspected.
- (b) Balance or scale accurate to within 0.5 percent of the weight [mass] of the sample to be weighed.

2008.3 Procedure. Upon award of the contract for furnishing maintainer and loader blades, the Division Engineer, Materials, will determine the number and types of samples required for testing in the Laboratory. This determination will be made considering all blades on a statewide basis. The District(s) responsible for sampling will be notified by letter with a copy to all Districts which are to receive blades.

2008.3.1 Inspection. All blades shall be inspected in each District for marking, workmanship, dimensions, punchings, warp, and weight [mass] per linear foot [meter] for compliance with the specifications.

2008.3.1.1 To determine the weight [mass] per linear foot [meter], the inspector shall weigh not less than ten nor more than twenty blades of the same type and size. The blades may be weighed one at a time, but the results shall be added and averaged before comparing with the specifications to determine compliance. If the total number of blades in a shipment is less than ten, all of the blades shall be weighed with the results added and averaged.

2008.3.2 Sampling. The inspector in the District(s) responsible for sampling shall obtain the requested number of samples and submit these samples to the Laboratory for testing accompanied by a completed Form T-617.

2008.3.2.1 Upon completion of tests performed in the Laboratory, the test blades will be returned to the District.

2008.3.2.2 If the blades tested in the Laboratory fail to meet any of the specified requirements, resamples shall be obtained as directed by the Division Engineer, Materials.

2008.4 Report. If field inspection shows noncompliance with specification requirements, Form T-634 shall be completed indicating that the material is rejected and the reasons for rejection shall be listed in the body of the report.

2008.4.1 If field inspection shows compliance with specification requirements and a Laboratory test report has been received showing "Qualified Acceptance", Form T-634 shall be completed indicating that the material is accepted. The report should include the statements that (1) satisfactory manufacturer's certification is on file in Materials Division Office; (2) Laboratory tests filed under Lab. Number xx-xxxx; and (3) satisfactory field inspection.

2008.4.2 If the Laboratory test report shows "Rejection", the District is not required to issue a field report.

2008.4.3 Use Class B report distribution from [General Section 7.1.7.2.](#)

